City housing recommendations being readied for Council

Recommendations from East Lansing's Joint Housing Committee are now being drawn into ordinance form by the city attorney, according to Mayor Gordon Thomas, also professor of communication.

When the East Lansing City Council considers the ordinances, members of the Committee, composed of members of East Lansing's Human Relations Commission and its Planning Commission, and representatives from MSU's Off-Campus Housing office and the student Off-Campus Council.

The committee's goal was to "examine and recommend actions to the various agencies of the City with respect to problems in the housing area," through analysis of the physical, social and economic housing problems.

East Lansing housing problems required special study, the committee reported, because of certain unique characteristics of the city, including its large percentage of young adult residents, large proportion of rooming and apartment houses, and the fluctuating population base which causes "difficulty in achieving, balanced growth and development" in housing.

The committee studied the history of housing (pointing out that the city's population — and therefore housing problems — grew as MSU grew), the supply of existing housing (noting that the median value of owner-occupied housing in 1970 was $29,300, and citing the growth of multiple-family units), and the existing market for housing.

The housing market looks, in part, like this:

- The majority of the East Lansing labor force is composed of MSU students, faculty and staff, plus retail and professional people. Of a total of 16,393 housing units in the city, about 75 percent are rental units.

- In 1970 about two-thirds of the 51,000 East Lansing residents were students, 40 percent of whom lived off-campus, mostly in rental multiple-family structures.

- The majority of the nonstudent (60 percent) population live in one or two family units, and the majority of these are MSU faculty and staff, professional personnel, state officials, retail and industrial management personnel.

- About 40 percent of MSU employees live in East Lansing, the housing (Continued on page 5)
Letters

Faculty salary secrecy helps to breed mistrust

To the Editor:

In the last issue of the MSU News-Bulletin, (Oct. 21), there was a news item in which several administrators and faculty members were quoted that the Board of Trustees resolved to keep the faculty's salaries a secret. It is my opinion that this move was not the simplest way of insuring the general welfare of the faculty, and as a consequence to the welfare of the University.

In a more perfect world of decision-making this move would be rendered unnecessary. In such a world of information would be less demanding. Decisions on salary increases would be made by a board of administrators and their peers instead of by administrators, and their perception of the value of the work of the faculty would be communicated to the faculty. In such a world, adequate information would be available for the faculty that is relevant with aspects of this episode. However, we are not in such a world.

The Board of Trustees prefers to hide the salary schedules. Bringing all information out in the open would mean that an administrator would be forced to elaborate for the public for the Board of Trustees on the reasons for each of the increases. This would require a lot of time, energy and money that could be better spent on improving the quality of instruction.

Salary secrecy is also contrary to the guidelines of the American Psychological Association that requires researchers to make their data public and improvements in the quality of instruction.

John Howell, (chairman)
University Community Chest Committee

To the Editor:

Although most of us can undoubtedly present well-reasoned statements for or against disclosure of salary information, our arguments have been rendered obsolete this year by the availability of the faculty pay list at the library. Apparently any interested party may investigate its contents without even being asked to supply a signature.

One who takes the trouble to examine this document will not have to dig very far to unearth evidence showing discrimination against individuals according to department, sex, and race (including Caucasian). Whether or not such evidence should be kept confidential in order to preserve one's privacy; and if it should be revealed, should the disclosures be made in conventional or unconventional ways?

Under all of these circumstances, is there any wunder that the administration (not the Board of Trustees) preferred to hide the salary schedules? Bringing all information out in the open would mean that an administrator would be forced to elaborate for the public for the Board of Trustees on the reasons for each of the increases. This would require a lot of time, energy and money that could be better spent on improving the quality of instruction.

Pay list reveals urgent need to reform distribution system

To the Editor:

The seeds of decay may already be evident in the new university created on American campuses in recent years, says an MSU educational economist.

Professor Theodore Johnson Associate professor of music

Books

Small colleges praised and criticized

To the Editor:

The EDITOR OF THE volume, Dressel, argues that the seeds of decay in the new colleges are evidenced by: Difficulty in attracting students, flexibility turned to rigidity, student disenchantment with the residential aspect; faculty turnover and faculty retreat to more traditional programs.

There seems pertinent that is the University's arrangement for distributing salary money, dependent as it is on the vagaries of human nature, but not been entirely successful, for it has nourished a situation whereby a less-than-adequate faculty member may be and someone at a high salary at the expense of a more modest colleague. This need for reform is urgent, but reasonable alternative policies will probably not be initiated until the faculty is willing to organize, and exert at least a measure of control over its own destiny. Collective bargaining may be no panacea, but it falls far short of perfection than the present system.

Theodore Johnson Associate professor of music

Huggins says ‘the pill’ can prevent cancer

A Nobel Prize winner who visited MSU earlier this month provided campus scientists with a good deal of information on his research and at the same time advanced a provocative opinion: The birth control pill has not caused hormone cancer; on the contrary, it has prevented it.

Charles B. Huggins of the University of Chicago, a co-winner of the 1966 Nobel Prize for work in physiology or medicine, said he thinks that birth control pills prevent breast cancer.

“So, whereas people took it (the pill) to prevent conception, they have also prevented cancer,” Huggins said. He addressed a large and faculty here and conferred with MSU scientists Joseph Meites and Clifford W. Welsch.

With Professor Meites and Professor Welsch that steroid hormones and related hormones are at the center of the cancer problem: The cancer problem of plants and animals.

Normally, Huggins said, one of every 18 women will be expected to develop breast cancer during her expected 72 years of life.

WHAT DO MSU scientists think of Huggins’ remarks about the pill?

“The thing that concerns me,” said Welsch, an assistant professor of anatomy, “is the long-term influence of birth control pill. What will be the breast cancer incidence in 20 to 30 years?”

M. L. D. Crowell, a professor of anatomy, agrees that it is too early to tell about the effects of the pill.

“Huggins: Preventing conception and cancer. Photo by Robert Brown

“Huggins has said is absolutely correct. I do not think we are over-reached. It may take a lot of years before the pill is proved to have caused cancer and then it will be too late to prevent the effects,” added Welsch.

The current campus governance model was compared by the UCLA ombudsmen to a feudal system, with department chairman compared to petty dukes with their own fiefdoms, department members as “men-at-arms,” and students as serfs.

Rust said there was a good deal of truth in the analogy, since universities did originate in the Middle Ages, but he thought the analogy was carried too far.

Two alternative models which were discussed were:

* One which may be coming out in pressure groups of the campus: Students, faculty, administrators, employees and the public. The question, Rust said, is what kind of organization would this be? It was compared to the United Nations.

* A municipal or city council model.

At UCLA, a university policy committee has been established representing (three each) students, faculty, administrative, and employees. This advisory committee spent last year investigating the university’s budget.

Rust said on MSU’s “upcoming experiment in student participation” and found that some of the other institutions represented had quite so elaborate a mechanism for student participation.

Other topics discussed by the ombudsmen were an official system, which was generally agreed that campuses are strong on executive and legislative branches but weak in the judicial area, and the need for internal review of governance systems.

Rust said he found the meeting beneficial because he learned an experiment on a variety of things being conducted at other universities.

He concluded that there might be too little participation in university governance, better organized and more accountable; and there should be a more diverse governance (i.e. every institution should not have the same model).

The problem of the diffuseness of authority; who makes the decisions? At MSU decisions come from a range of levels, and “the student hardly knows what hits him; where a decision comes from.”

The Carnegie Commission on Higher Education, chaired by Clark Kerr, former chancellor of the California state university system, has been in existence since December, 1968, and has completed nine reports. The report topics range from levels of federal responsibility for higher education, in equal opportunity, medical education, and policies for future growth.

Commission members include the presidents of the Universities of North Carolina and Notre Dame, faculty from Yale, Howard, Princeton, Cambridge and Harvard Universities, the University of Michigan and the University of Illinois in studying governance (i.e. every institution should include discussion on what model, if any, would be better than the current model).

Included in the listing are: “Is I Should Die Before I Wake: The Nukkla Dream”, a history of the University of Nigeria by Lewis and Margaret Zerby; “The University of the Philippines: External Assistance and Development” by Harry L. Case and Robert A. Bonnell; “Jokokgakai and Education” by Carl G. Gross; and “Self-Study as an Approach to Educational Planning in Thailand” by Raymond N. Hatch.

These publications and the complete listing may be obtained through the Institute for International Studies in Education.

Eustace declared ‘historic place

Eustace Hall, current home of the Honors College, has been placed on the National Register of Historic Places, Samuel A. Millett, the known benefactor who endowed the building for historic preservation, has announced. “The listing gives the hall a distinction beside other great structures being preserved for their historic value throughout the country,” Millett said.

Eustace Hall was selected for the National Register because it was the nation’s first laboratory building set up specifically for the study of horticulture. It was designed by Liberty Hyde Bailey, professor and world-renowned horticulturist at what was then Michigan Agricultural College.

Eustace Hall is a two-story, red brick building with a plain gabled roof. It looks forehead-like, with one gabled tower on its front exterior. In the front of the building, brick of a brighter shade forms a varied pattern. The building, was long since removed. When a new horticulture building was constructed in 1921, the old building remained in service as the home of the Basic College.

“What Huggins said is absolutely right as far as it goes,” Meites said. “The longest experience, as he mentioned, is 12 years in Puerto Rico, because that is where they started giving the pills. There is no evidence of any increase in breast cancer or any other kind of cancer.

Meites adds: “But the only way one will know for sure about this is over a long period of time. It may take at least 20 or even 30 years because breast cancer , like most cancers, is a disease of old age.

He said that may not appear until 30 years after the initial stimulation. “On the other hand, so far at least, there just isn’t any evidence that it (the pill) might produce cancer in humans.”

Meites emphasized that “if anybody in this world knows anything about cancer, Huggins is the man.”

“He has worked with human patients all his life,” Meites said, “and he started out as a surgeon, a great surgeon. . I don’t know anyone who has more successfully applied the basic findings in laboratory animals to humans.”

Nobel Laureate Huggins pointed out that estrogens (female sex hormones) have already been used by the cardiologist; and there has been no epidemic of breast cancer in the women who have taken them.

Huggins expresses hope for the conquest of cancer.

“I think what we’ll see in the future,” he said, “at a very early moment in life, taking just a vitamin in the morning, will take one vitamin pill and one hormone pill. And that will abolish cancer. This is the great hope.”

—PHILIP E. MILLER

Commission studies governance

Ombudsmen James Rust and eight other academicians addressed the Carnegie Commission on Higher Education last week on campus governance models.

The two-day conference at the University of California at Berkeley also included discussion on what model, if any, would be better than the current model of governance.

The nine persons attending the conference included five current ombudsmen from the University of California at Irvine, San Diego State University, UCLA, Kent State University and MSU; three others have just completed terms of office at ombudsmen at Berkeley, Cornell and San Jose State.

The ninth man was Ray Rowland, director of information services at St. Cloud State College in Minnesota. Rowland did his Ph.D. dissertation at UCLA and San Jose State.

“Sokogakkai includes discussion on what model, if any, would be better than the current model of governance models. Included in the listing are: “Is I Should Die Before I Wake: The Nukkla Dream”, a history of the University of Nigeria by Lewis and Margaret Zerby; “The University of the Philippines: External Assistance and Development” by Harry L. Case and Robert A. Bonnell; “Jokokgakai and Education” by Carl G. Gross; and “Self-Study as an Approach to Educational Planning in Thailand” by Raymond N. Hatch.

These publications and the complete listing may be obtained through the Institute for International Studies in Education.

Eustace declared ‘historic place

Eustace Hall, current home of the Honors College, has been placed on the National Register of Historic Places, Samuel A. Millett, the known benefactor who endowed the building for historic preservation, has announced. “The listing gives the hall a distinction beside other great structures being preserved for their historic value throughout the country,” Millett said.

Eustace Hall was selected for the National Register because it was the nation’s first laboratory building set up specifically for the study of horticulture. It was designed by Liberty Hyde Bailey, professor and world-renowned horticulturist at what was then Michigan Agricultural College.

Eustace Hall is a two-story, red brick building with a plain gabled roof. It looks forehead-like, with one gabled tower on its front exterior. In the front of the building, brick of a brighter shade forms a varied pattern. The windows are all modern, there should be more diversity in the design of a building, seed room, a healing-in cellar, the old laboratory, seed room, heeling-in cellar, variegated pattern. The windows are all modern, there should be more diversity in the design of a building.

Included in the listing are: “Is I Should Die Before I Wake: The Nukkla Dream”, a history of the University of Nigeria by Lewis and Margaret Zerby; “The University of the Philippines: External Assistance and Development” by Harry L. Case and Robert A. Bonnell; “Jokokgakai and Education” by Carl G. Gross; and “Self-Study as an Approach to Educational Planning in Thailand” by Raymond N. Hatch.

These publications and the complete listing may be obtained through the Institute for International Studies in Education.
First meeting is today

**COGS: Trying to be strong, yet flexible**

The Council of Graduate Students will hold its first meeting of the term today (Oct. 28) at 3 p.m. in Room 9 of the Human Ecology Building.

Most of the time since the last COGS meeting has been spent setting up administrative procedures for nominating students to committees, according to William Greene, president. Now, he said, they hope to build a strong yet flexible organization.

Some of the goals for the year, Greene said, are to take a look at graduate student housing (some of the options are not good enough, he said); to start a short newsletter for graduate students; and to form a liaison with ASMSU, the undergraduate student governing body, for cooperative ventures to avoid duplication of services (such as loans, insurance and other student welfare items).

But a major problem immediately facing COGS is the need to recruit students for representation on various University committees and councils. (News-Bulletin, Oct. 14).

**COGS is supposed to nominate or name 29 students to University bodies under the Bylaws for University Governance, plus three to the University Graduate Judiciary. But, Greene says, there are vacancies for a total of nearly 90 students on all committees (including internal COGS committees) on which graduate students are represented. Because of the difficulty in recruiting students for these positions, COGS has scratched some of the committees, and hopes to find a minimum of 60 students. Other activities in which COGS is involved are:**

* A loan program established last year,
* A plan to look at medical - health - accident insurance for graduate students,
* Another look at graduate student remuneration, particularly in light of faculty salary increases. Graduate stipends are not rising at the same rate as faculty salaries, Greene said, and they should be 10 percent of the highest salary at the University. A quarter-time assistantship is $1,000, he said, before taxes, and fees to the University are more than that.

Nothing is being done on the question of unionization, Greene said, though a survey a year ago showed 60 percent of the respondents in favor of collective bargaining for graduate students. If the faculty unionize, Greene said, it would be “mandatory for students to unionize to protect their interests.”

**Pre-game warmups . . .**

. . . become more strenuous for Spartan Stadium groundkeepers when it rains. Before the more than 60,000 Homecoming spectators could set themselves in the rain to watch MSU and Iowa play in the rain last Saturday, the Tartan Turf had to be swept of excess water (top) . . . the tarp had to be removed (bottom) . . . among dozens of pre- and post-game tasks. The score: Spartans 34, Fumbles 15.

--Photos by William Mitcham

**FREE PARKING ASKED.** Faculty at the University of New Mexico have adopted a resolution opposing a proposal that faculty and staff begin paying for parking. Annual rates in the proposed plan would be $48 for faculty. In objecting to the paid parking plan, the New Mexico faculty compensation committee said, “We do not believe that faculty and staff should serve as a tax base for their employer, the university.”

**U-M TO OPEN CLUB.** The dining room of the Michigan Union at the University of Michigan is scheduled to be closed on Nov. 24 and reopen on Nov. 30 as the University Club of Ann Arbor. The club, which has dining and bar facilities, is open to faculty, staff, students and alumni. The dues schedule is a graduated one, ranging from $10 a year for students to $40 for full professors, local alumni and staff members whose salaries exceed $14,000.

**EARLY RETIREMENT?** The Board of Regents at the University of Minnesota is considering adoption of an early retirement plan on a five-year trial basis. It would allow retirement at age 62 with the same payments an individual would have received if he retired at 65.

**NONRESIDENT DEGREE PLANNED.** Cornell University is planning to offer a new program for “academically qualified residents who are not of normal college age or status.” The participants would enroll as part-time students in the College of Arts and Sciences. Faculty in the college passed a new regulation waiving, “in the case of adult area residents only,” the requirement that degree candidates must have at least two years’ residence as full-time students in the college.

**U-GRAD STUDY AT WISCONSIN.** A 16-member faculty-student Committee on Undergraduate Education has been appointed at the University of Wisconsin-Madison. Chancellor Edwin Young said the committee would consider a number of innovations, such as “the place of extramural credit work in the teaching program, opportunities for easier leaves of absence for students, feasibility and appropriateness of a reduction in the current four-year program for a bachelor’s degree . . .”

**CATCHING DOGS.** Four part-time dog catchers are now patrolling the campus of the State University of New York at Buffalo. According to the director of environmental health and safety at SUNY/Buffalo, an increasing dog population is posing serious health and safety problems on the campus. There have been recorded cases of unprovoked dog attacks on students, faculty and staff members.

**OMBUDSMAN AT U-M.** The Regents at the University of Michigan have approved in principle the creation of the post of ombudsman for U-M students. Actual creation of position is unsettled “until such time as funding is possible.”
E.L. housing recommendations . . .

(Concluded from page 1)

committee reported. Although the University employs fewer faculty than staff, the number of faculty on full-time staff live in East Lansing. And as the rank of the faculty increases, the proportion within full-time staff also increases.

The committee further found that faculty and staff residences are widely dispersed throughout the community; that groupings of MSU employees with similar salary ranges occur all over neighborhoods; that there is a correlation between income levels and income levels of housing; and that faculty and staff in higher income ranges tend to live in areas of major rooming house and (thus student) concentrations.

Since 60 percent of MSU faculty and staff live outside the city, the committee suggested a possible gap exists between the supply of housing at various cost levels and the demand for such housing.

**BASED UPON THESE studies of the history, supply and market (more detail)**

**recommendations:**

1. **Commission of existing housing ordinances; studying government, rental property owners, and campus population growth.**

2. **Rationalize recommendations on housing and market possibilities for low-cost rental housing.**

3. **Increase complaint responsiveness through systematic annual inspection to see that licensing procedures are being enforced.**

4. **Take the initiative to establish a body representing the University and its members upon the East Lansing community.**

5. **That the University administration establish effective communication channels for liaison with the city government.**

6. **That the faculty government establish an appropriate agency, such as a standing committee, to deal with the housing issue.**

**Council agenda . . .**

(Concluded from page 1)

The steering committee expressed doubt that the grievance procedures would be fully considered and approved by the EPC in the time allotted, so it is doubtful that the proposal will go to the Academic Council this week. A progress report may be made, however.

ALSO THE EPC agenda will be a report from Herbert Jackson, professor of religion and chairman of an ad hoc committee to study collective bargaining.

Jackson and his committee have been meeting 9 to 12 hours a week since spring, and have conducted hearings, corresponding with other universities, attended the University of Michigan "Faculty Power" conference and met with faculty who have chaired key committees here.

Jackson told the steering committee that his group is almost ready to conclude the "research period" of its charge, but, he added he is "overwhelmed by the task still before us.

He said he hopes to have a written report to present to the EPC at its Jan. 15 meeting. He reminded the steering committee that his group was not charged to take a position on collective bargaining.

But, he said, information available boils down to opinion, since experience with higher education has been so scarce. The committee, Jackson added, will point out the key issues and concerns of the essence of pro and con judgments.

**EPC urges end to 0.5 grade**

The Educational Policies Committee will recommend to the Academic Council next week that the 0.5 grade be eliminated from the grading system.

The recommendation is accompanied by a second proposal to eliminate the 4.5 grade (News-Bulletin, Oct. 21), but the two proposals are independent of each other.

Rationale for eliminating the 0.5 grade, according to W.D. Collings, chairman of the Academic Standing committee and chairman of the Student Committee on Nomination, and Louis Heald, senior member of the steering committee and chairman of the implementation coordinating committee.

Two separate motions from the University Educational Policies Committee will be presented, both pertaining to revision of the grading system. EPC will ask that council to the Academic Council to eliminate the 4.5 (News - Bulletin, Oct. 21) and the 0.5 grades (see related story).

EPC feels this is not a proper way to indicate a level of achievement.

**BEVERLY TITCHWELL**

Faculty, staff may join some student organizations

Faculty and staff may participate in student organizations and are welcomed to join certain organizations, according to the Academic Council.

All student organizations must register each fall term under regulations for student groups in the Academic Council.

**Luncheon set for MSU widows**

Mrs. Clifton R. Wharton, Jr. today (Oct. 28) will honor all wives of former faculty members whose formal ties with MSU have been severed through the death of their spouse.

More than 60 faculty widows from throughout Michigan are expected to attend the luncheon and reception at Cowles House.

Among the guests will be 90-year-old Mrs. Marjorie Haas, whose late husband was a professor in MSU's engineering department.

Mrs. Wharton says that the responder has been particularly gratifying since it was difficult to locate many persons. Several departments and individuals across campus were contacted, and Mrs. Wharton gathered additional information from either the city clerk for S), the committee made the following recommendations:

That the East Lansing City Council:

1. - Establish a City Housing Commission to study the housing situation and to make recommendations to the City Council. The commission would include MSU city government, rental property owners, tenants, homeowners and the elderly.

2. - Establish licensing procedures for all rental property to regulate density of use based on interior and exterior standards. Control of licenses and enforcement of standards would be the responsibility of an individual who would work in liaison with the Housing Commission.

3. - Require that licensing procedures include the stipulation that all rental property titleholders be registered in the Register of Deeds Office to obtain a license.

4. - Modify existing codes and ordinances to insure required maintenance levels and change the definition of family and number of roomers permitted. (This relates to the problem of students seeking lower rental housing, thus occupying structures designed and zoned as single-family dwellings.)

5. - Increase complaint responsiveness through systematic annual inspection to see that licensing procedures are being enforced.

6. - Take the initiative to establish a body representing the University and its members upon the East Lansing community.

7. - That the University administration establish effective communication channels for liaison with the city government.

8. - That the faculty government establish an appropriate agency, such as a standing committee, to deal with the housing issue.

**BEVERLY TITCHWELL**

"If we don't function with a report quickly, it may be too late," Jackson said. "And, at this time, we need some emergency authority to obtain election authorization cards from the faculty."

A THIRD ITEM for the EPC will be a motion from the steering committee to affiliate with the Association of Michigan Colleges, the Collegiate Faculties (News-Bulletin, May 13, 1971), with a second motion to discuss appropriate procedures for financing membership in the organization (Dues for MSU would be $75.00, and this money cannot come from the University's general fund.)

THE ACADEMIC COUNCIL will hear a status report on student implementation from the combined forces of Cheneau, Muller, a dean, and Roy Barlow, the director of the academic standing committee and chairman of the Student Committee on Nomination, and Louis Heald, senior member of the steering committee and chairman of the implementation coordinating committee.

Two separate motions from the University Educational Policies Committee will be presented, both pertaining to revision of the grading system. EPC will ask that council to the Academic Council to eliminate the 4.5 (News - Bulletin, Oct. 21) and the 0.5 grades (see related story).

EPC asks, does the 0.5 grade really indicate a level of achievement?

EPC feels this is not a proper way to indicate a level of achievement, he said.

Elimination of the 4.5 grade was proposed for very different reasons, including the apparent detrimental effect on overall grade-point averages and the apparent detrimental effect on students applying for graduate and professional programs where some schools equate the 4.5 with the 4.0.

But the 0.5 grade, the EPC feels the 4.5 grade has been misused by faculty, primarily through indiscriminate or excessive.
November: Lots to do

2. Lecture-Concert (A): First Moor Quartet, 8:15 p.m., Auditorium; 3. Concert: Chamber Orchestra, 8:15 p.m., Music Auditorium.
4. PAC Children's Theater: "The Boy Who Cried Wolf" 20 p.m., 1 and 3 p.m., Arena Theatre.
5. World Travel: "Africa Camera Safari" 8:15 p.m., Auditorium.
6. PAC Children's Theater: 2:45 p.m., Arena Theatre.
9. Concert: Metropolitan Chamber Orchestra, 8:15 p.m., Music Auditorium.
10. PAC: "Romeo and Juliet" are Dead" 8:15 p.m., Fairchild.
12. PAC: 8:15 p.m., Fairchild.
13. PAC: 8:15 p.m., Fairchild.
14. PAC Children's Theater: 10 a.m., 1 and 3 p.m., Arena Theatre.
15. PAC: 8:15 p.m., Fairchild.
16. PAC: Children's Theater, 2 and 4 p.m., Arena Theatre.
17. PAC: 8:15 p.m., Fairchild.
19. PAC: 8:15 p.m., Fairchild.
21. PAC Children's Theater, 2 and 4 p.m., Arena Theatre.
23. Concert: University Choir, 8:15 p.m., Music Auditorium.

Student foreign enrollment shows a slight decrease

Approximately 1,100 foreign students, a slight decrease from last year's figure of 1,200, are enrolled here this term, according to MSU's foreign student adviser.

August Benson reports that the students represent 80 countries and most of them (85 percent) are pursuing graduate studies.

Accounting for half the decline in numbers is a smaller enrollment in the English Language Center. Benson says.

Foreign students attend the center for intensive training in English before attending other higher education institutions across the nation.

Benson adds that there are also fewer enrollments from India, Canada, and Turkey. Homer Hibner, assistant dean for education exchange in International Organizations, explains, that shifting enrollment patterns are whimsical and one can only offer intelligent guesses regarding the reasons for changes.

He speculates that the number of Canadian students decreased from 151 to 149 as the result of a concentrated effort on the part of the Canadian government to encourage their students to return to Canada.

Benson notes that there appears to be a growing nationalism with regards to education in Canada which could conceivably be affecting the number of Canadian students at Michigan State.

Benson also hypothesizes that the number of Indian students has decreased from 91 to 74 as the result of a lack of government support.

"Indian students are usually in the sciences," he says, "and one of the main funds for Indian students is from the government, foundations and other organizations."

The decline in Turkish students (from 65 to 45) Hibner attributes partially to the termination of formal MSU projects in Turkey which provide for the exchange of students.

He explains the presence of MSU assistance projects in Thailand may also partly explain the 10 percent increase in Thai students.

Hibner states, "I personally feel MSU has reached its natural limits in terms of money and departmental balance in the current era of foreign students it can handle."

"Unless something happens in the area of support, I predict we will probably see a drop between 1,100 and 1,200 in 10 years to come." - BARRABA MCINTOSH

Wharton trip dates are set

President Wharton will leave East Lansing Dec. 8 for a 4-week lecture visit to Asia.

As announced last month, Wharton has been invited by the United Board for Higher Education in Asia to deliver lectures at colleges and universities in Korea, Japan, Taiwan and the Philippines.

His trip will coincide with the break between MSU's fall and winter terms. He will return to the campus by the beginning of winter term, Jan. 5. He will be accompanied on the trip by Mrs. Wharton and their son, Bruce, 12.

A guide to Nov. 2 elections in East Lansing, Meridian, and some suburbs

EAST LANSING


The polling places: Precinct - Spartan Village School, 1460 Middleville; Precinct 2 - Red Cedar School, Seven Drive; Precinct 3 - Union Boulevard, Union Building; Precinct 4 - Central School, 325 W. Grand River; Precinct - 5 - Glencoe School, 939 N. Harrison Road; Precinct 6 - Hannah Middle School, 819 Abbott Road; Precinct 7 - Hannah Middle School; Precinct 8 - Bailey School, South Street; Precinct 9 - Edgewood United Church, 469 N. Hagadorn Rd.; Precinct 10- Macdonald Middle School, 1601 Burcham Drive; Precinct 11 - St. Thomas Aquinas School, 915 Alton Road; Precinct 12 - Whitaker School, 12 Whitaker Lane; Precinct 13 - Eastminster Presbyterian Church, 1315 Abbott Road; Precinct 14 - Pine Creek School, 1811 Pinecreek Drive. (Polls are open from 7 a.m. to 6 p.m.)

MERIDIAN TOWNSHIP


The polling places: Precinct 1 - Haslett Junior High School, Franklin Street; Precinct 2 - Haslett Junior High, Precinct 3- Morley Elementary School, Lake Lansing Road; Precinct 4 - Donnelly School, Haslett Road at Lake Lansing Road; Precinct 5 - Wardell School, Wardell Drive; Precinct 6 - Okemos Central School, Long Lake Road; Precinct 7 - Innsbrook Middle School, between Centre and Dobs Roads; Precinct 8 - Cornell School, Cornell Street; Precinct 9 - Okemos Library, 2142 Clinton St., Precinct 10 - Okemos Central School. (Polls are open from 7 a.m. to 8 p.m.)

Spartan audio audience exceeds 365,000

An audience study of MSU's radio station reveals the station has about 365,000 listeners on AM and FM. The survey was conducted during November and December of 1970 by Thomas F. Baldwin, associate professor of communication and TV-FM news.

The daily news audience is estimated at 91,000, the survey shows. A "squad" program black-out of music and information, and estimation an estimated 22,000 listeners per week.

The WKAR audience may be characterized as mature (83 percent over 30 years of age), well-educated (45 percent with college experience), and about evenly divided between women and men with women having a slight edge.

Baldwin found that WKAR is best known for its discussion and information programs and top sports, farm information, news and music concerts.

News programs on WKAR were found to have a regular audience, with over 20 percent of the news listeners tuning in daily, and 84 percent at least two or three times per week.

The news listeners again tend to be older, well-educated people with a strong interest in radio news interviews with authorities and newsmakers, the survey indicated. Actually, over half of WKAR listeners listen to news.

THE SURVEY FOUND THE WKAR music audience to be the most varied. The music audience is generally older, perhaps due to the contemporary music audience.

Tickets still available

Tickets for faculty and staff are still available for the MSU Symphony Orchestra's first concert Nov. 15 and 16 at 8:15 p.m. in Fairchild Theater. Proceeds from the concert will go for the Symphony Orchestra Scholarship Fund. Tickets, at $2.50 each, are available from the Union Ticket Office or by mail, name and address and check to Symphony Orchestra, Music Department, Campus.

Chest report

MSU's Campus Community Chest drive is at 5.24 percent of its goal, according to data reports made this week. Pledges totaling $105,891.89 have been received after about three weeks of the campaign. MSU's goal is $200,000.

Formats of other FM radio stations in the area, the individual who listens solely to WKAR-FM tends to be younger.

The Greater Lansing area, nearly 30 percent of the music audience in the music audience are under 29, with 65 percent having college experience.

Because of the wide coverage area of WKAR-AM and FM, random telephone interviews were conducted as far away as Detroit, Bay City, Port Huron, Grand Rapids, Kalamazoo, and as far south as the Ohio border.

A team of researchers talked to more than 2,500 persons in the coverage area regarding their listening habits, program preferences, and their attitudes regarding the entire WKAR format. Responses to the surveys were tabulated by computer on the campus.

ART EXHIBIT

"Spartan Saga," a comprehensive history of Michigan State athletics, is on display.

The book is composed by Lyman Fimbres, retired business manager of athletics and MSU's all-time top ticket seller, with more than 25 years with the Spartan Information Service.

FA TO MEET

The MSU Faculty Associates Task Force will hold an open meeting 4 p.m. Wednesday, Dec. 7, in the University Union, under the attic of the Union's Uppstairs Room.
CREATIVE WRITERS MEET The Faculty Folk Creative Writers will meet at 1:14 p.m. Wednesday, Nov. 3, at the home of Sharon Bertoch, 228 Orchard, E.L. Readers will be Donna Paananen and Diana Higgs. New members are always welcome and interested persons may call Mrs. Paananen at 332-6711.

EXHIBITIONS

Kresge Art Center
Main Gallery: Works from the permanent collection.

Entrance and North Galleries, Oct. 30-Nov. 21: Paolo Soleri, Visionary Architect. Photographic panels covering twenty years of architectural concepts by one of the most provocative environmental designers living today, organized by the Corcoran Gallery, Washington, D.C. and sponsored by the Prudential Insurance Company of America.

Campus Plantings
The living tapestry of Veitch ivy on the west walls of Wells Hall is now at peak identity.

CONFERENCES

Oct. 29-30 Women Police of Michigan
Oct. 30-31 Lyon Healy Harp Repair & Regulation Workshop
Oct. 31 Seminar for College & University Leaders in Continuing Education
Oct. 31 Mich./Tel-Floral Unit

SEMINARS

FRIDAY, OCTOBER 29, 1971
A resolution of the clock paradox. Mendel Sachs, Suny, Buffalo, 4:10 p.m., 221 Physics-Astronomy (Physics).

MONDAY, NOVEMBER 1, 1971
Plant chronometry; the rhythm method or an egg timer. Roderick King, 4:10 p.m., 101 Biochemistry (AEC Plant Research Lab).

Mechanical properties of connective fibers. R.W. Little, 2 p.m., 222 Engineering (Biomedical Engineering).

Present and future milking systems. Dennis Armstrong, 12:30 p.m., 126 Anthony Hall (Dairy Science).

Relation of renal hemodynamics to angiotensin II in renal hilar lymph of the dog. Rodger D. Ouvenzhierner, 4 p.m., 146 Giltner Hall (Physiology).

The horse industry. Jack Fries, D.V.M, 4 p.m., 221 Physics-Astronomy (Physics).

TUESDAY, NOVEMBER 2, 1971
Patents, patent law and licensing—a survey for engineering and science majors. James W. Badie, Watson, Leavenworth, Kelton and Taggart, N.Y. City, 4 p.m., 284 Engineering Bldg. (Chemical Engineering).

Some researches on the borderline of inorganic and organic chemistry. John C. Bailar Jr., 4 p.m., 136 Chemistry (Chemistry).

Environmental conditions for the production of staphylococcal enterotoxin. Dale Schaeusser, 10:10 a.m., 110 Anthony Hall (Food Science & Human Nutrition).

Plant breeders rights. A report on recent discussions in Europe. John Carraw, 4 p.m., 206 Horticulture (Horticulture).

ERIC, what it is and how to use it. Jon L. Higgins, Ohio State U., 4 p.m., 304A Wells Hall (Mathematics Education).

Rationale for university-wide commitment to assessment of the impact of technology on social values. D.J. Montgomery, 4:10 p.m., 312 Engineering Bldg. (Metallurgy, Mechanics & Materials Science).

Maintenance energy and starvation survival of rhodospirillum rubrum. Jerald Ensina, Department of Bacteriology, U. of Wisconsin, 4:10 p.m., 146 Giltner (Microbiology & Public Health).

EXT. WOMEN'S CLUB The Extension Women's Club will meet at 1:30 p.m. Thursday, Nov. 4, at the home of Mrs. William Meggitt, 2019 Pawnee Trail, Okemos (Tacoma Hills). Carol Gadsden will demonstrate "Holiday Flower Arranging."

Beal Garden
The Sourwood tree north of the Library is now displaying its famed autumn color.

Hidden Lake Gardens
Tipson, Michigan
Five miles of marked hiking trails and more than six miles of paved drive are open to the public. Woodlands, water, and wildlife are year around features. Open daily 8 a.m. until sundown.

All conferences will be held In Kellogg Center unless otherwise noted.

Students and faculty members are welcome to attend these continuing education programs. Those who are interested should make arrangements in advance with the Office of University Conference, 5-4590.

Recent developments in the alkali-metal problem. A.W. Overhauser, Scientific Research Staff, Ford Motor Co. 4:10 p.m., 221 Physics-Astronomy (Physics).

Asymptotically efficient stochastic approximation; the RM case. Vaclav Fabian, 4:10 p.m., 40A Wells Hall (Statistics & Probability).

WEDNESDAY, NOVEMBER 3, 1971
Spore germination: natural non-nutritional stimulants & inhibitors. Ken Dumann, 4:10 p.m., 168 Plant Biology Lab (Botany & Plant Pathology).

Model ecosystems for the study of pesticide biodegradability. Robert Metcalf, Dept. of Entomology, U. of Illinois. 10 a.m., 244 Natural Science (Entomology).

Evolution by gene duplication. Susumu Ohno, City of Hope Nat'l Medical Center. 4 p.m., 106 Plant Biology (Genetics).

THURSDAY, NOVEMBER 4, 1971
Enzyme induction by adrenal steroid hormones. Ronald Destroisma, 4 p.m., 101 Biochemistry (Biochemistry).

Figures of the past in plant breeding. J.E. Grailius, 4 p.m., 109 S. Kedzie (Crop and Soil Sciences).

The theory of high order derivatives and some of its applications. Y. Nakai, Northern Illinois. 10:10 p.m., 304A Wells Hall (Mathematics).

Compensatory cardiovascular adjustments to acute and chronic hypotension. Donald DuCharme, Div. of Cardiovascular Diseases, Upjohn Co. 4 p.m., B-449 Life Science I (Pharmacology).


FRIDAY, NOVEMBER 5, 1971
The power of consumers: research and policy implications. E. Scott Meyers, Visiting Professor (currently at U. of California, Berkeley). 3:30 p.m., 16 Agriculture Hall (Agricultural Economics).

Population studies of human glutamic-oxaloacetic transaminase. Emanual Hackel, 3 p.m., 204 Natural Science (Zoology).
**MICHIGAN STATE UNIVERSITY**

**Calendar of Events**

Friday, October 29, 1971

7 p.m. New Players—For its first major program of the year, the student organization will present the University of Michigan’s production of “The Killing of Sister George.” Tickets available at the door. Union Ballroom.

8 p.m. Planetarium Program—“Astrology and the Zodiac” explores the ancient art of astrology and the 12 constellations of the Zodiac. Admission is $1 for adults; 75 cents for children 5-12. Last weekend. Abrams.

8:15 p.m. Lecture-Concert Series ("A")—Pianist Garrick Ohlsson, first prize winner of the 1970 Chopin International Piano Competition in Warsaw, will make his first MSU appearance. He is currently on a two-continent tour with more than 65 performances scheduled. Auditorium.

8:15 p.m. Faculty Recital—Organist Corliss Arnold will perform. Hart Recital Hall.

10 p.m. Planetarium Program (see above). Abrams.

10 p.m. New Players (see above). Union Ballroom.

Saturday, October 30, 1971

10 a.m. Cross Country—MSU vs. Indiana.

10 a.m. Performing Arts Company (PAC)—A special Children’s Theatre production, “The Boy Who Cried Wolf is Dead,” will take on a new twist—the children in the audience will be asked to take part in the play, first as villagers and later as sheep. Actors trained in improvisational techniques will PAC (see above). Arena Theatre.

1:30 p.m. Soccer—MSU vs. Akron.

3 p.m. PAC (see above). Arena Theatre.

8 p.m. Planetarium Program (see Oct. 29). Abrams.

8 p.m. World Travel Series—“High Adventures in Exploration” is produced and narrated by Capt. Fina Ronne. Tickets available at the door. Auditorium.

8 p.m. New Players (see Oct. 29). Union Ballroom.

10 p.m. Planetarium Program (see Oct. 29). Abrams.

Sunday, October 31, 1971

2 p.m. PAC Children’s Play (see Oct. 30). Arena Theatre.

4 p.m. PAC Children’s Play (see Oct. 30). Arena Theatre.

4 p.m. Planetarium Program (see Oct. 29). Abrams.

4 p.m. Graduate Recital—Clarinetist Dean Turner will perform. Music Aud.

Monday, November 1, 1971

4:10 p.m. Honors College Lecture Series—Stephen Toulmin will discuss “Science and Aesthetics.” 108B Wells Hall.

8:15 p.m. Broadway Theatre Series—“The Me Nobody Knows.” a vibrant musical, includes a montage of poems and stories written by ghetto children. The play, first production in the new series, was chosen the Best Musical of 1971 by the New York Drama Critics Award Poll. Auditorium.

Tuesday, November 2, 1971

noon University Club Luncheon—Guest speaker will be Albert Ravenholt, AUPS lecturer, on “Corruption in Asia—Its Effects on Development.”

2 p.m. Elected Faculty Council meeting. Con Con Rm., Int’l Ctr.

3:15 p.m. Academic Council meeting. Con Con Rm., Int’l Ctr.

8:15 p.m. Lecture-Concert Series (“A”)—Gershon Kingsley’s First Moog Quartet will present a multi-media show featuring four Moog synthesizers, backed with live instruments and voices. Auditorium.

Thursday, November 4, 1971

8 p.m. Planetarium Program—“A.R.C. ’71,” for the second year, carefully integrates live rock music and lighting effects by the Eye See the Light Show Company. Advance Tickets, $2, are available at the Union Ticket Ofc. or Abrams Planetarium.

Friday, November 5, 1971

8 p.m. Planetarium Program (see Nov. 4). Abrams.

8:15 p.m. Concert—The Chamber Orchestra. Music Aud.

10 p.m. Planetarium Program (see Nov. 4). Abrams.

Saturday, November 6, 1971

10 a.m. PAC Children’s Play (see Oct. 30). Arena Theatre.

1 p.m. PAC Children’s Play (see Oct. 30). Arena Theatre.

3 p.m. PAC Children’s Play (see Oct. 30). Arena Theatre.

8 p.m. Planetarium Program (see Nov. 4). Abrams.

8 p.m. World Travel Series—“Africa Camera Safari” is produced and narrated by John D. Craig. Tickets available at the door. Auditorium.

10 p.m. Planetarium Program (see Nov. 4). Abrams.

**BULLETINS**

**OPENING EXHIBIT** You are cordially invited to an opening in the Kresge Art Center Gallery, 2 p.m., Sunday, Oct. 31, for the Paolo Soleri, Visionary Architect exhibition. Refreshments will be served and Soleri will be present at the opening. He will also give a talk on his architectural concepts in Fairchild Theatre at 7:30 p.m., Sunday. The public is invited.

**GAMUT HAS DEBATE** This Saturday Gamut will present “Campaign ‘71,” an interview and discussion with the six ballot candidates for the East Lansing city council. Gamut, a production of the MSU Broadcasters’ Guild, can be seen at 11:30 a.m. Saturdays on WMSB-TV, Channel 10.

**NEW PLAYERS RETURN** “The Killing of Sister George” will be presented in the Union Ballroom at 7 and 10 p.m., Friday, Oct. 29, and at 8 p.m. Saturday and Sunday, Oct. 30-31. The U-M Actors Guild production is being presented by the MSU New Players. Tickets will be available at the door.

**CAMPUS TOUR—ON FOOT** A second walking tour of the proposed cross campus highway route will begin at 2 p.m., Saturday, Oct. 30. The tour will be led by a group of interested faculty and will start at the Grand Trunk Railroad crossing on Hagadorn Road. For more information, call Robert Victor, 5-4673, or Paul Risk, 3-5190.

**MOVE THE MAIL** The Messenger Service would like to remind all employees that campus mail should include the department name in the address. Also, mail going off-campus should contain the department name in the return address.

**PAC TICKETS** Season coupon holders for Performing Arts Company Arena Theatre productions may redeem up to four coupons for the children’s play now showing. The current play is “The Boy Who Cried Wolf is Dead” (see calendar).

**MICH. BOTANICAL CLUB** The Red Cedar Chapter of the Michigan Botanical Club will meet at 7:30 p.m. Tuesday, Nov. 2, in 204 Horticulture. Guest lecturer will be Louis Brand speaking on “Photography—2 inches to 238,000 miles.”

**VOLUNTEERS NEEDED** Faculty and staff volunteers are still needed for a new volunteer program to serve the youth of the west side of Lansing. It will begin as a tutorial, offering help to children who are bused outside their community with school work and individualized instruction for those who want and need it. Dedicated volunteers who enjoy working with children are needed to help in the planning stages. The program will serve primarily the black community and black volunteers are especially welcome. If interested, contact Betty Washington or Church River at the Office of Volunteer Programs, 27 Student Services Bldg., phone 3-4400.

For general information about MSU, call 353-8700.